

03500.010457.1



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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#18
6/17/03

In re Application of:)
MIYUKI ENOKIDA, ET AL.)
Application No.: 08/907,635)
Filed: August 8, 1997)
For: MOVING IMAGE EDITING)
APPARATUS AND MOVING)
IMAGE EDITING METHOD USING)
INTRAFRAME ENCODING : June 11, 2003

RECEIVED

JUN 13 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2100

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Japanese Patent Application Laid-Open No. 5-7356 relates to an image recording and reproducing device able to convert an encoded moving image into still image data. In this regard, a moving image input means 20 inputs a moving image signal, and data compressing means 2 data compresses an inputted moving image signal (see Figure 1). Encoded

moving image and still image signals are recorded by a recording means, expanding means decodes encoded moving image and still image signals, and converting means converts an encoded moving image signal into a still picture signal.

Japanese Patent Application Laid-Open No. 5-135144 relates to an image editing device for minimizing deterioration in picture quality due to editing. A process image or a difference between the processed image and the image before processing passes through orthogonal converting means 212 and quantizing means 213, and secondary conversion values are added. A tertiary conversion value is obtained by passing the results through encoding means.

Japanese Patent Application Laid-Open No. 4-72977 relates to a recording and reproducing system. As a user generates a reproduction start command, a main control member 28 reads in-frame coding information in index information of compressed data recorded on an optical disc and the information is expanded on a RAM 34. Upon receipt of a search command, the in-frame coding frame closest to the frame designated by the search command is retrieved and read by an optical disc reproduction section, demodulated and displayed.

Japanese Patent Application Laid-Open No. 4-328982 relates to digital image signal processing that allows for high speed search and editing of storage media. A signal component including a negative error signal is obtained and added to input image signals of other frames or fields.

Japanese Patent Application Laid-Open No. 63-311888 relates to an image recording system that includes a coder 25 for inter frame and intra frame predictive coding, and a subtractor that produces a sequence of error signals from image signals and predictions. Intra

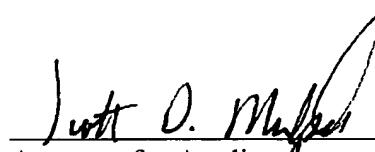
frame coding can be performed about a selected subdivision of each frame or at preselected intervals or at predetermined points in each scene.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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